

ANT1m ATGGGTGATCACGCTTGGAGCTTCTAAAGGACTTCCTGGCCGGGGCGTCGCCGCTGCCCTCTCCAAGACGCGGTGCG 80
ANT2m ATGACAGATGCGCTGTGTCCTTCGCCAAGGACTTCCTGGCAGGTGGAGTGGCCGAGCCATCTCCAAGACGGCGGTAGC 80
ANT3m ATGACGAAACAGGCCATCTCCTTCGCCAAGGACTTCTGGCCGAGGCATCGCCGCGCCATCTCCAAGACGGCGGTGCG 80

ANT1m CCCCATCGAGAGGGTCAAACTGCTGCTGCAGGTCCAGCATGCCAGCAACAGATCACTGCTGAAAGCAGTACAAAGGA 160
ANT2m CCCCATCGAGCGGGTCAAGCTGCTGCTGCAGGTCCAGCATGCCAGCAAGCAGATCACTGCAGATAAGCAATACAAGGCA 160
ANT3m TCCGATCGAGCGGGTCAAGCTGCTGCTGCAGGTCCAGCAAGCCAGCAAGCAGATCGCCGCGAAGCAGTACAAAGGCA 160

ANT1m TCATTTGATTTGTGGTGAGATCCCTAAGGAGCAGGGCTTCTCTCTCTGAGGGGTAACTGGCCAACGTGATCCGT 240
ANT2m TTTATAGACTGCGTGGTCCGTATTTCCCAAGGAGCAGGAAGTTCTGTCTTCTGGCGGGTAACTGGCCAATGTCATCAGA 240
ANT3m TCGTGACTGCAATTTGCCGATCCCCAAGGAGCAGGGCGTCTGTCTTCTGAGGGGTAACTTTGCCAACGTCAATTCG 240

ANT1m TACTTCCCCACCAAGCTCTCAACTTCGCCTTCAAGGACAAGTACAAGCAGTCTTCTTTAGGGGTGTGGATCGGCATTAA 320
ANT2m TACTTCCCCACCAAGCTCTTAACTTCGCCTTCAAGGATAATACAAGCAGATCTTCTGGGTGGTGTGACAAGAGAAC 320
ANT3m TACTTCCCCAATCAAGGCTCAACTTCGCCTTCAAGGATAAGTACAAGCAGATCTTCTGGGGGCTGTGACAAGCAC 320

ANT1m GCAGTCTGGCGCTACTTTGTGGTAACCTGGGCTCCGGTGGGCCGTTGGGGCCACCTCCCTTTGCTTTGTGTACCCGC 400
ANT2m CCAGTTTGGGCTTACTTTGAGGGAATCTGGCATCGGTGGTGCCGAGGGGCCACATCCCTGTGTTTGTGTACCCGC 400
ANT3m GCAGTCTGGAGTACTTTGGGCAACCTGGGCTCCGGCGGTGGCGGGCGGACCTCCCTGTGCTTGTGTACCCGC 400

ANT1m TGGATTTTGTGTTAGGACAGGTGGGTGCTGATGTGGGAGGCGCGCCAGCGTGAAGTTCATGCTTGGGCGACTGT 477
ANT2m TTTGATTTTGCCTTACCCGTTAGCAGCTGATGTGGGTAAAGCTGGAGCTGAAGGGAATTCGAGGCCTCGGTGACTGC 480
ANT3m TGGATTTTGCAGAACCCGCTGGCAGCGGAGCTGGGAAGTCAAGGACAGAGCGGAGTTCGAGGCCTGGGAGACTGC 480

Fig. 1A

ANT1m ATCAATCAAGATCTTCAAGTCTGATGGCTTGAAGGGGCTGTACCAGGGTTTCAACGTCTCTGTCAAGGCATCATATCTA 557
ANT2m CTGGTTAAGATCTACAAATCTGATGGGATTAAGGGCCTGTACCAAGGCTTTAACGTCTCTGTGCAGGGTATATCATCTA 560
ANT3m CTGGTTAAGATCAACCAAGTCCAGGGCATCCGGGCTGTACCAGGGCTTCACTGTCTCCGTGCAGGGCATCATCATCTA 560

ANT1m TAGAGCTGCCTACTTCGGAGTCTATGATACTGCCAAGGGATGCTGCCTGACCCCAAGAACGTGCACATTTTGTGAGCT 637
ANT2m CCGAGCCGCCTACTTCGGTATCTATGACTGCAAGGGATGCTTCGGATCCCAAGAACAATCACATCGTCATCAGCT 640
ANT3m CCGGCGGCCTACTTCGGCTGTATGATACGGCCAAGGGATGCTCCCGACCCCAAGAACACGCACATCGTGTGAGCT 640

ANT1m GGATGATTTGCCAGAGTGTGACGGGAGTCCGAGGGCTGTGTCTACCCCTTTGACACTGTTCTGCTAGAAATGATGATG 717
ANT2m GGATGATCGACAGACTGTCACTGCTGTGCCGGGTTGACTTCTATCCATTGACACTGTTCCCGCCGCATGATGATG 720
ANT3m GGATGATCCGCAGACCTGTGACGGGCTGTGCCGGCTGTGTCTACCCCTTGACACCTGTCCGCGCCGCATGATGATG 720

ANT1m CAGTCCGGCCGAAAGGGGCGATATATGTACACGGGACAGTTGACTGCTGGAGGAAGATTGCAAAAGAGCAAGGAGC 797
ANT2m CAGTCAAGGGCGAAAGGAATGACATCATGTACACAGGCACGTTGACTGCTGGGGAAGATTGCTCTGATGAAGGAGG 800
ANT3m CAGTCCGGGCGCAAAGGAGCTGACATCATGTACACGGGCACGTTGACTGTTGGAGGAAGATCTTCAGAGATGAGGGGG 800

ANT1m CAAGGCCTTCTTCAAAAGGTGCTGGTCCAATGTCTGAGAGGCATGGGCGGTGCTTTTGTATTGGTGTGTATGATGAGA 877
ANT2m CAAAGCTTTTCAAGGGTGCATGGTCCAATGTCTGAGAGGCATGGGCGGTGCTTTTGTGCTGTCTTGTATGATGAAA 880
ANT3m CAAGGCCTTCTTCAAGGGTGCATGGTCCAAGTCTCCGGGCATGGGCGGCGCTTCTGTGCTGGTCTGTACAGCAGC 880

ANT1m TCAAAATATGTCTAA 894
ANT2m TCAAGAAGTACATAA 897
ANT3m TCAAGAAGTGATCTAA 897

Fig. 1B

HANT1p	MDHAFSLKDFLAGVAAAVSKTAVAPIERVKLLQVQHASKQISAEKQ	50
HANT2p	MTDAAVSFAKDFLAGGVAAATSKTAVAPIERVKLLQVQHASKQITADKQ	50
HANT3p	MTEQATISFAKDFLAGGTAAATSKTAVAPIERVKLLQVQHASKQITADKQ	50
HANT1p	YKGIIDCVVRIPKEQGLSFWRGNLANVIRYFPTQALNFAFKDKYKQIFL	100
HANT2p	YKGIIDCVVRIPKEQEVLSFWRGNLANVIRYFPTQALNFAFKDKYKQIFL	100
HANT3p	YKGIIDCVVRIPKEQGVLSFWRGNLANVIRYFPTQALNFAFKDKYKQIFL	100
HANT1p	GGVDKHTQFWRYFAGNLASGGAAGATSLCFVYPLDFARTRLAADVGRRA	149
HANT2p	GGVDKHTQFWLYFAGNLASGGAAGATSLCFVYPLDFARTRLAADVGRKAGA	150
HANT3p	GGVDKHTQFWRYFAGNLASGGAAGATSLCFVYPLDFARTRLAADVGRKSGT	150
HANT1p	EREFRGLGDCLIKIKSDGIRGLYQGFNVSVQGIIYRAAYFGVYDTAKG	199
HANT2p	EREFRGLGDCLIKIKSDGIRGLYQGFNVSVQGIIYRAAYFGVYDTAKG	200
HANT3p	EREFRGLGDCLIKIKSDGIRGLYQGFNVSVQGIIYRAAYFGVYDTAKG	200
HANT1p	MLPDPKNTHIVSWMIAQTVTAVAGLISYPFDTVRRRMMQSGRKGADIM	249
HANT2p	MLPDPKNTHIVSWMIAQTVTAVAGLISYPFDTVRRRMMQSGRKGADIM	250
HANT3p	MLPDPKNTHIVSWMIAQTVTAVAGLISYPFDTVRRRMMQSGRKGADIM	250
HANT1p	YTGTDCWRKIARDEGGKAFFKGAWSNVLRGMGGAFVLVLYDEIKKYV	298
HANT2p	YTGTDCWRKIARDEGGKAFFKGAWSNVLRGMGGAFVLVLYDEIKKYT	299
HANT3p	YTGTDCWRKIARDEGGKAFFKGAWSNVLRGMGGAFVLVLYDEIKKYI	299

Fig. 2

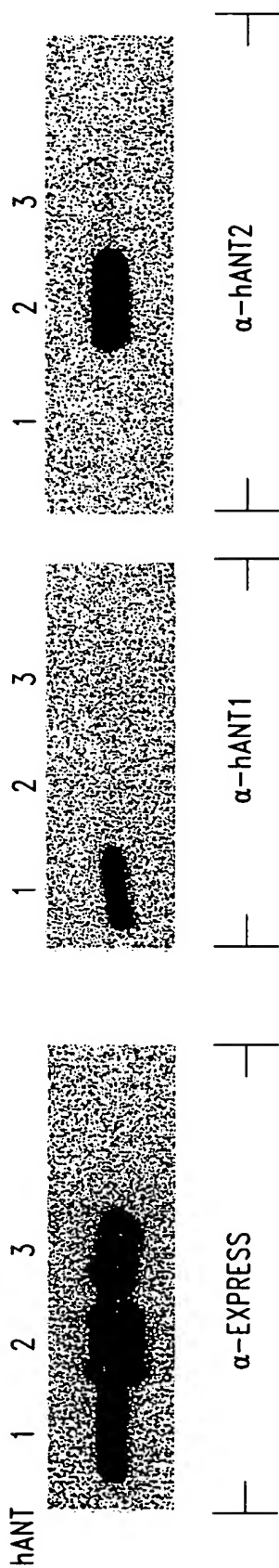


Fig. 3

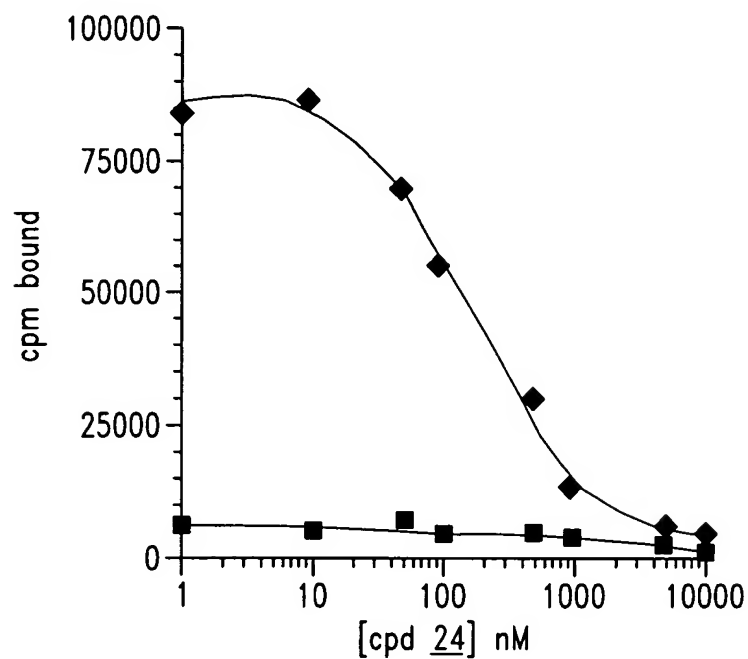


Fig. 4

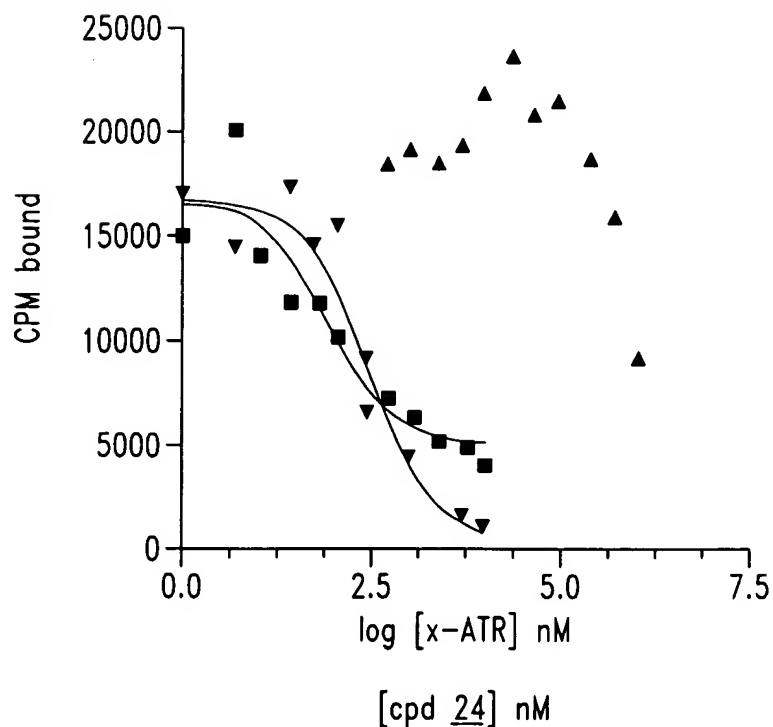


Fig. 5

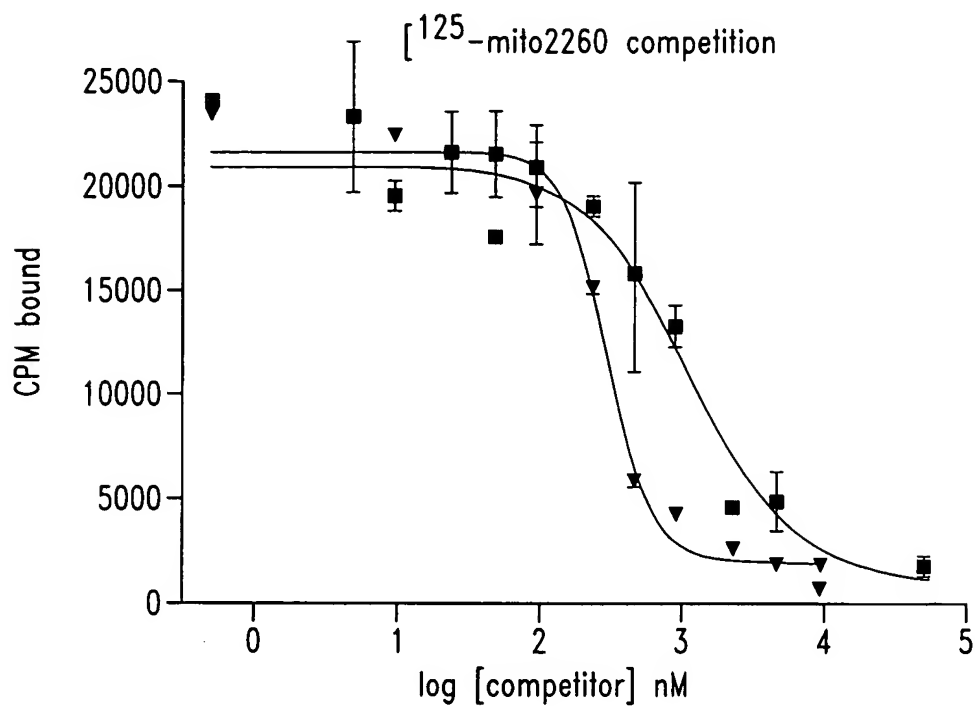


Fig. 6

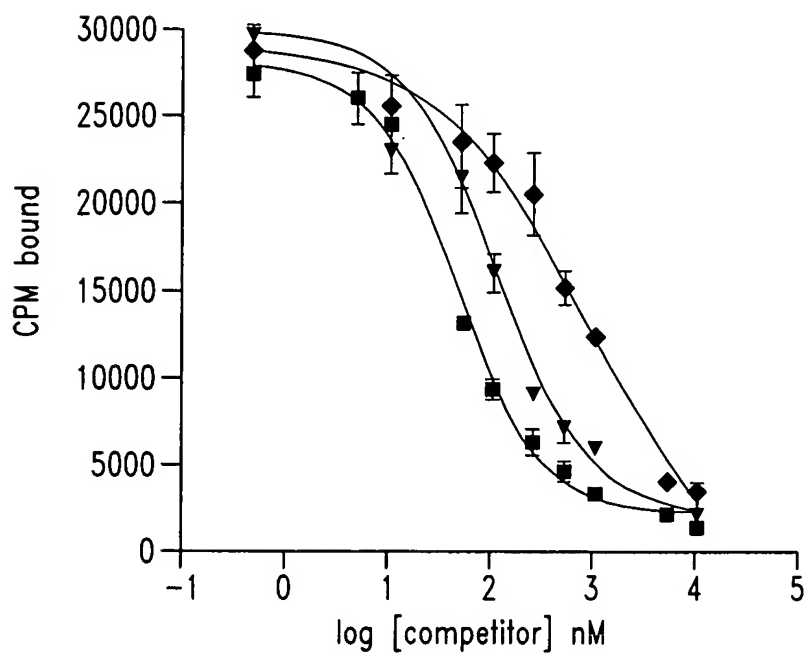


Fig. 7

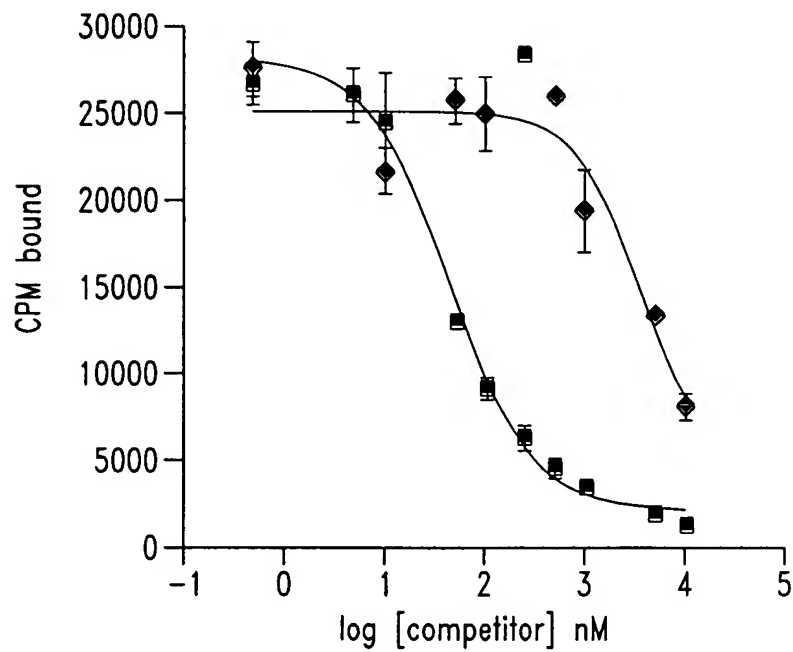


Fig. 8

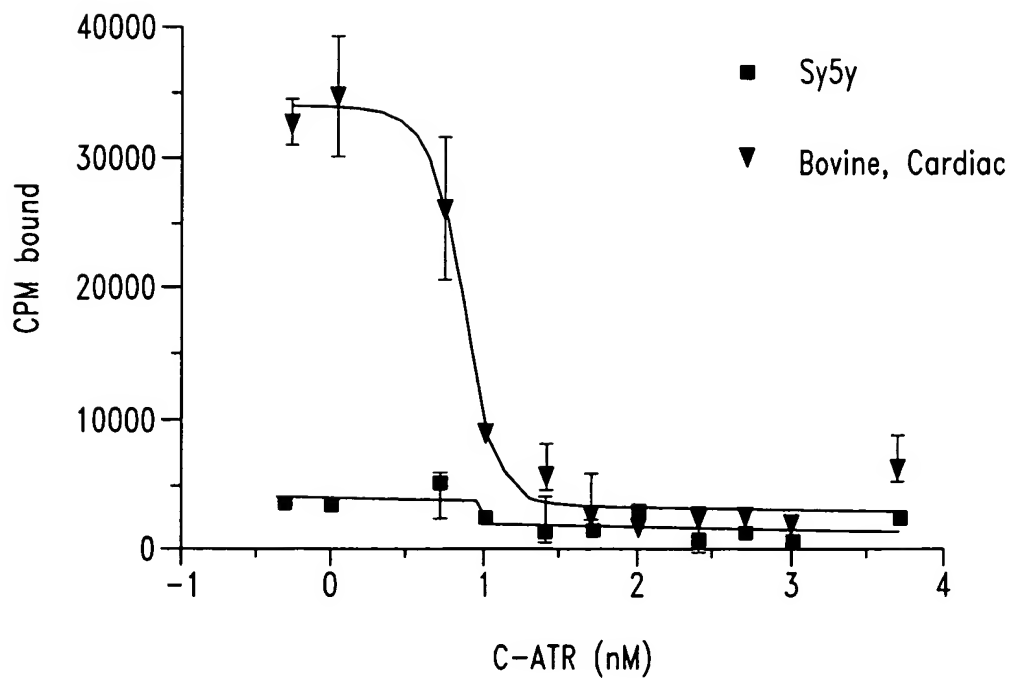


Fig. 10

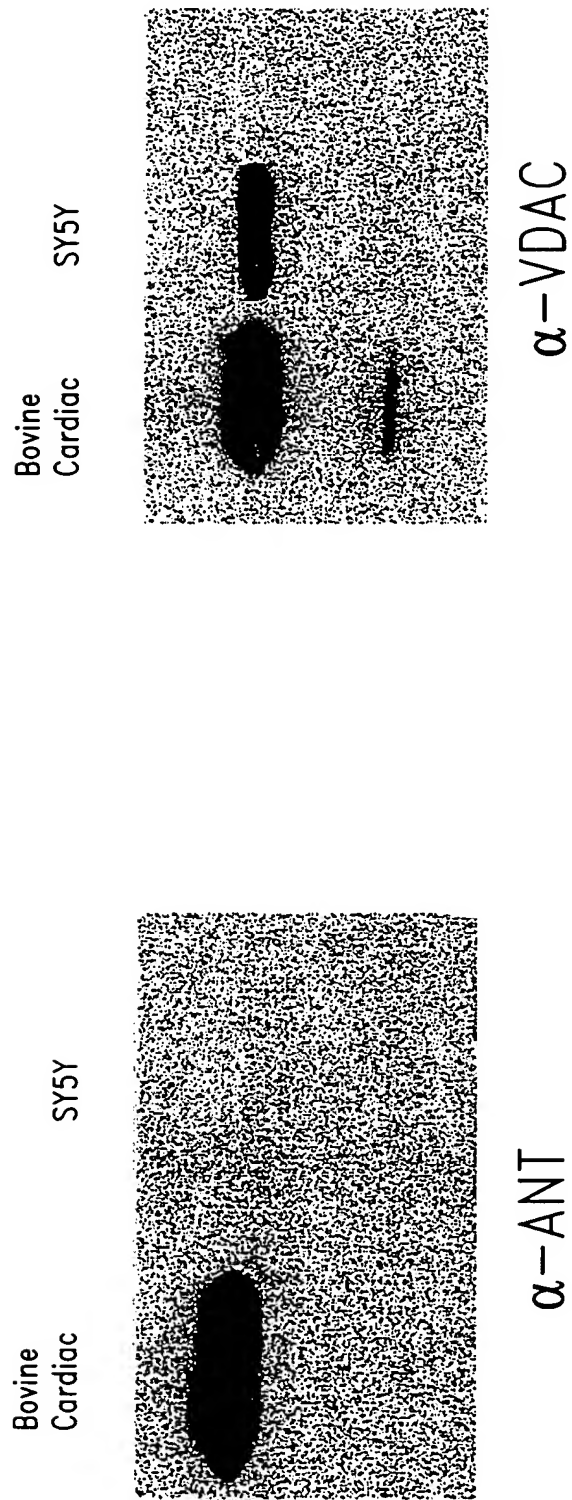


Fig. 9

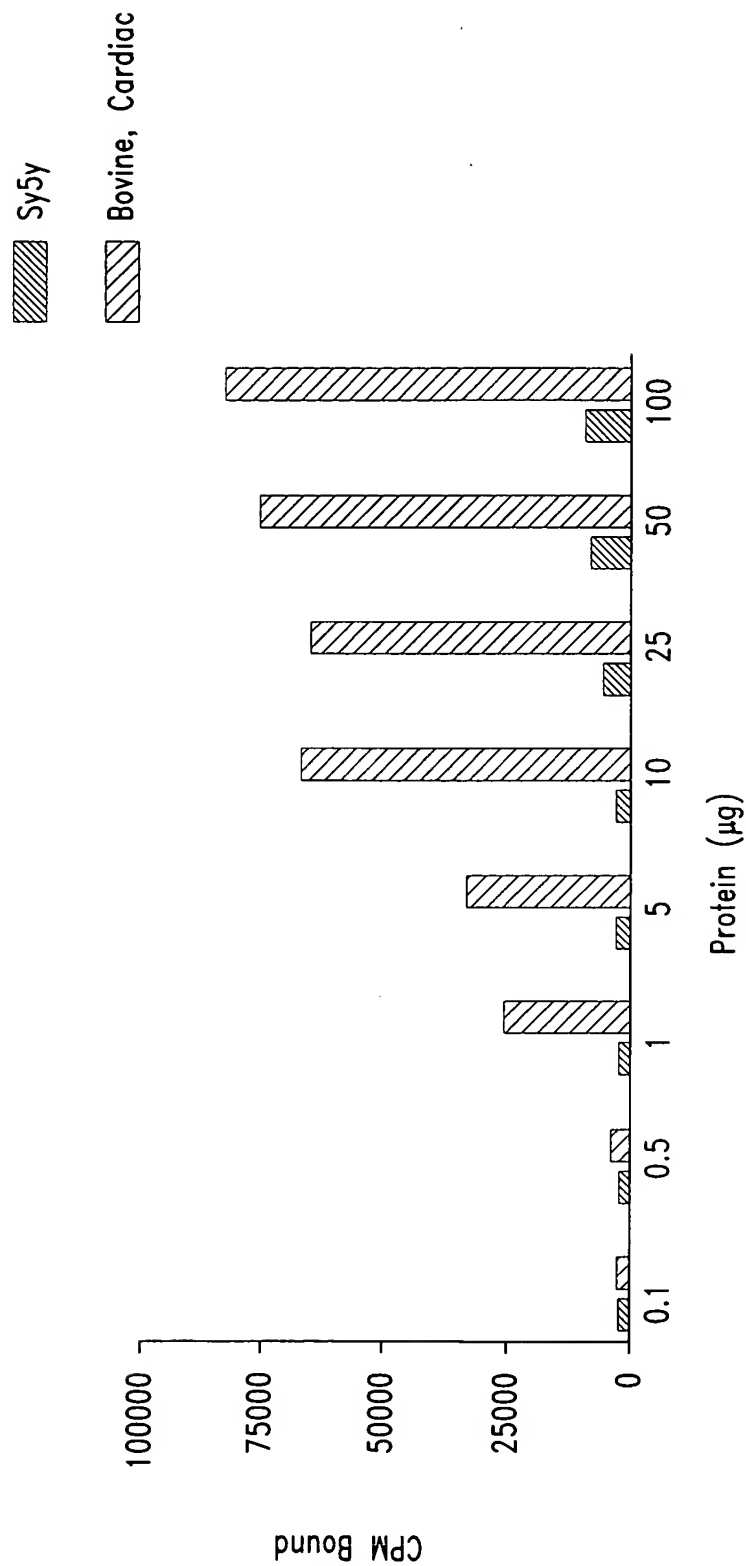


Fig. 11